



Certificate of Analysis

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Product Name: ABS White Willow Bark Extract Powder
Code Number: 10229
Lot Number: 76433P
Manufacture Date: 08/14/2020
Re-Test Date: 08/14/2021
CAS #'s: 84082-82-6
EINECS #'s: 282-029-0
INCI Name: *Salix alba* (Willow) Bark Extract

Specification	Parameter	Result
Appearance	White to Off-White, Free Flowing Powder*	Pass
Color (Gardner - 1% Solution in Water)	3 Maximum	1
Odor	Characteristic	Pass
pH (3% solution in H ₂ O)	4.0 – 6.0	4.6
NVM (1g, 105°C, 1hr)	94.0% Minimum	98.1
Nitrogen	2.0 – 5.0%	3.3
Salicylic Acid	53.0 – 65.0%	61.5
Heavy Metals	< 20 ppm	< 20 ppm
Lead	< 10 ppm	< 10 ppm
Arsenic	< 3 ppm	< 3 ppm
Mercury	< 1 ppm	< 1 ppm
Cadmium	< 1 ppm	< 1 ppm
Microbial Content	< 100 CFU/g; No pathogens	Pass
Yeast & Mold	< 100 CFU/g	Pass
Gram Negative Bacteria	0 CFU/g	Pass

*Hygroscopic

QA Signature _____ Tucker Munday

Date _____ 08/26/2020

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